



**OPERATION AND MAINTENANCE APPLICATION
CLASS I, II AND III IMPOUNDING STRUCTURES**

Reference: Impounding Structures Regulations, 4VAC 50-20-00 et seq., Virginia Soil and Water Conservation Board

1. Name of Impounding Structure: _____

Inventory Number: _____ Other Name (if any) _____

2. Hazard Potential Classification from Table 1, Impounding Structure Regulations:

(Circle One) Class I Class II Class III

3. Name of Owner: _____

Address: _____

Telephone: (Business) (____) _____ (Residential) (____) _____

4. Operating Plan and Schedule.

Provide a narrative for each item:

a. Operation of control gates and spillways. _____

b. Operation of Reservoir Drain (not to exceed ½ foot drawdown per day on embankment dams).

5. Maintenance Plan and Schedule

Provide a narrative for each item:

a. Embankment Dams:

(1) embankment: _____

(2) principal spillway: _____

(3) emergency spillway: _____

(4) low level outlet: _____

(5) reservoir area: _____

(6) downstream channel: _____

(7) other: _____

b. Concrete dams (including masonry and others):

(1) upstream face: _____

- (2) downstream face: _____

- (3) crest: _____

- (4) galleries: _____

- (5) tunnels, etc.: _____

- (6) abutments: _____

- (7) spillways: _____

- (8) gates and outlets: _____

- (9) other: _____

6. Inspection schedule (attach schedule and checklist):

- (1) operator inspection (daily, weekly, etc.)
- (2) maintenance inspection (monthly, quarterly, semi-annual, annual)
- (3) technical safety reinspection by a professional engineer. (required for certification update: Class I dams every two years, Class II dams every three years. All dams inspected after overtopping).

7. Emergency Action Plan Schedule.

Provide the information that initiates the Emergency Action Plan:

- a. rainfall amounts and/or: _____
- b. spillway flows: _____
- c. frequency of observation: _____

8. For a newly constructed impounding structure, provide certification from a Professional Engineer who has inspected the impounding structure during construction that, to the best of the engineer's judgment, knowledge and belief, the impounding structure and all appurtenances have been constructed in conformance with the plans, specifications and drawings submitted to the Department of Conservation and Recreation.

OPERATION AND MAINTENANCE PERMIT APPLICATION

OPERATION AND MAINTENANCE SCHEDULES CERTIFICATION BY OWNER

I hereby certify that the operation and maintenance plans and schedules provided herewith will be adhered to during the life of the project except in cases of unanticipated emergency requiring departure therefrom in order to mitigate hazards to life and property, at which time my engineer and the Department of Conservation and Recreation will be notified.

Signed: _____
(Owner)

This _____ day of _____, 20_____.

CERTIFICATE BY OWNER'S ENGINEER

I hereby certify that the information provided in this form has been examined by me and found in my professional judgment to be appropriate to operation and maintenance considerations for this dam.

Signed: _____ Virginia Number: _____
Professional Engineer

This _____ day of _____, 20_____.

Remarks: _____

Please fill out and mail this form to:
Department of Conservation and Recreation
Division of Dam Safety
203 Governor Street
Richmond, Virginia 23219-2094